

? show files;ds  
 File 2:INSPEC 1969-2005/Jul w5  
     (c) 2005 Institution of Electrical Engineers  
 File 6:NTIS 1964-2005/Jul w5  
     (c) 2005 NTIS, Intl Cpyrght All Rights Res  
 File 8:Ei Compendex(R) 1970-2005/Jul w4  
     (c) 2005 Elsevier Eng. Info. Inc.  
 File 9:Business & Industry(R) Jul/1994-2005/Aug 05  
     (c) 2005 The Gale Group  
 File 13:BAMP 2005/Jul w4  
     (c) 2005 The Gale Group  
 File 15:ABI/Inform(R) 1971-2005/Aug 05  
     (c) 2005 ProQuest Info&Learning  
 File 16:Gale Group PROMT(R) 1990-2005/Aug 05  
     (c) 2005 The Gale Group  
 File 18:Gale Group F&S Index(R) 1988-2005/Aug 05  
     (c) 2005 The Gale Group  
 File 20:Dialog Global Reporter 1997-2005/Aug 08  
     (c) 2005 Dialog  
 File 24:CSA Life Sciences Abstracts 1966-2005/Jun  
     (c) 2005 CSA.  
 File 34:SciSearch(R) Cited Ref Sci 1990-2005/Jul w5  
     (c) 2005 Inst for Sci Info  
 File 35:Dissertation Abs Online 1861-2005/Jul  
     (c) 2005 ProQuest Info&Learning  
 File 47:Gale Group Magazine DB(TM) 1959-2005/Aug 08  
     (c) 2005 The Gale group  
 File 63:Transport Res(TRIS) 1970-2005/Apr  
     (c) fmt only 2005 Dialog  
 File 88:Gale Group Business A.R.T.S. 1976-2005/Aug 05  
     (c) 2005 The Gale Group  
 File 103:Energy SciTec 1974-2005/Jul B2  
     (c) 2005 contains copyrighted material  
 File 118:ICONDA-Intl Construction 1976-2005/Jul  
     (c) 2005 Fraunhofer-IRB  
 File 144:Pascal 1973-2005/Jul w5  
     (c) 2005 INIST/CNRS  
 File 148:Gale Group Trade & Industry DB 1976-2005/Aug 08  
     (c)2005 The Gale Group  
 File 149:TGG Health&wellness DB(SM) 1976-2005/Jul w4  
     (c) 2005 The Gale Group  
 File 180:Federal Register 1985-2005/Aug 08  
     (c) 2005 format only DIALOG  
 File 194:FBODaily 1982/Dec-2005/May  
     (c) format only 2005 Dialog  
 File 211:Gale Group Newsearch(TM) 2005/Aug 08  
     (c) 2005 The Gale Group  
 File 241:Elec. Power DB 1972-1999Jan  
     (c) 1999 Electric Power Research Inst.Inc  
 File 258:AP News Jul 2000-2005/Aug 08  
     (c) 2005 Associated Press  
 File 275:Gale Group Computer DB(TM) 1983-2005/Aug 08  
     (c) 2005 The Gale Group  
 File 293:Engineered Materials Abstracts 1966-2005/Jul  
     (c) 2005 CSA.  
 File 315:ChemEng & Biotec Abs 1970-2005/Jul  
     (c) 2005 DECHEMA  
 File 340:CLAIMS(R)/US Patent 1950-05/Aug 04  
     (c) 2005 IFI/CLAIMS(R)  
 File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)  
     (c) 2005 JPO & JAPIO  
 File 349:PCT FULLTEXT 1979-2005/UB=20050804,UT=20050728  
     (c) 2005 WIPO/Univentio  
 File 432:Tampa Tribune 1998-2005/Aug 05  
     (c) 2005 Tampa Tribune  
 File 437:Education Abstracts 1983-2005/Jul  
     (c) 2005 The HW Wilson Co  
 File 440:Current Contents Search(R) 1990-2005/Aug 08  
     (c) 2005 Inst for Sci Info  
 File 484:Periodical Abs Plustext 1986-2005/Jul w5  
     (c) 2005 ProQuest  
 File 485:Accounting & Tax DB 1971-2005/Jul w4

(c) 2005 ProQuest Info&Learning  
 File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06  
 (c) 2002 Phoenix Newspapers  
 File 541:SEC Online(TM) Annual Repts 1997/Sep w3  
 (c) 1987-1997 SEC Online Inc.  
 File 553:Wilson Bus. Abs. FullText 1982-2004/Dec  
 (c) 2005 The HW Wilson Co  
 File 564:ICC Brit.Co.Ann.Rpts 1984-2004/Jun 22  
 (c) 2004 ICC Online Inform.Group  
 File 570:Gale Group MARS(R) 1984-2005/Aug 05  
 (c) 2005 The Gale Group  
 File 608:KR/T Bus.News. 1992-2005/Aug 08  
 (c)2005 Knight Ridder/Tribune Bus News  
 File 610:Business Wire 1999-2005/Aug 08  
 (c) 2005 Business Wire.  
 File 613:PR Newswire 1999-2005/Aug 08  
 (c) 2005 PR Newswire Association Inc  
 File 619:Asia Intelligence Wire 1995-2005/Aug 07  
 (c) 2005 Fin. Times Ltd  
 File 621:Gale Group New Prod.Annou.(R) 1985-2005/Aug 08  
 (c) 2005 The Gale Group  
 File 624:McGraw-Hill Publications 1985-2005/Aug 08  
 (c) 2005 McGraw-Hill Co. Inc  
 File 635:Business Dateline(R) 1985-2005/Aug 06  
 (c) 2005 ProQuest Info&Learning  
 File 637:Journal of Commerce 1986-2005/Aug 05  
 (c) 2005 Commonwealth Bus. Media  
 File 641:Rocky Mountain News Jun 1989-2005/Aug 08  
 (c) 2005 Scripps Howard News  
 File 647:CMP Computer Fulltext 1988-2005/Jul w4  
 (c) 2005 CMP Media, LLC  
 File 649:Gale Group Newswire ASAP(TM) 2005/Jul 27  
 (c) 2005 The Gale Group  
 File 654:US Pat.Full. 1976-2005/Aug 04  
 (c) Format only 2005 Dialog  
 File 707:The Seattle Times 1989-2005/Aug 07  
 (c) 2005 Seattle Times  
 File 731:Philad.Dly.News 1983- 2005/Aug 04  
 (c) 2005 Philadelphia Newspapers Inc  
 File 741:(Norfolk)Led./Pil. 1990-2005/Aug 04  
 (c) 2005 Virg.-Pilot/Led.-Star  
 File 781:ProQuest Newsstand 1998-2005/Aug 08  
 (c) 2005 ProQuest Info&Learning  
 File 813:PR Newswire 1987-1999/Apr 30  
 (c) 1999 PR Newswire Association Inc  
 File 990:NewsRoom Current Apr 1 -2005/Aug 08  
 (c) 2005 Dialog  
 File 991:NewsRoom 2005 Jan 1-2005/Feb 28  
 (c) 2005 Dialog

| Set | Items | Description  |
|-----|-------|--|
| S1  | 257   | (SOFTWARE OR COMPUTER? OR AUTOMAT? OR SMART OR INTELLIGENT OR AI OR EXPERT()SYSTEM)(10N)(MATCH? OR SELECT? OR CHOOS? OR - PICK? OR BUY? OR PURCHASE? OR PURCHASING)(8N)(OPTIM? OR CHEAP? OR BEST OR LOWEST OR MINIMAL)(5N)(COST OR PRICE)(8N)(EQUIPME-NT OR LUMBAR |
| S2  | 150   | S1 NOT PY>2001   |
| S3  | 109   | RD (unique items)  |

? t3/3,k/all  
 >>>KWIC option is not available in file(s): 241

3/3,k/1 (Item 1 from file: 6)  
 DIALOG(R)File 6:NTIS  
 (c) 2005 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1058844 NTIS Accession Number: NTN83-0551  
 New Computer Program Helps Pick Solar, Energy-Saving Strategies  
 (NTIS Tech Note)  
 Department of Commerce, Washington, DC.  
 Corp. Source Codes: 001948000  
 Aug 83 1p  
 Languages: English

? show files;ds

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200550

(c) 2005 Thomson Derwent

File 344:Chinese Patents Abs Aug 1985-2005/May

(c) 2005 European Patent Office

File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)

(c) 2005 JPO & JAPIO

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

File 2:INSPEC 1969-2005/Jul w5

(c) 2005 Institution of Electrical Engineers

File 35:Dissertation Abs Online 1861-2005/Jul

(c) 2005 ProQuest Info&Learning

File 65:Inside Conferences 1993-2005/Aug w1

(c) 2005 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Jul

(c) 2005 The HW Wilson Co.

File 256:TecInfoSource 82-2005/Jun

(c) 2005 Info.Sources Inc

File 474:New York Times Abs 1969-2005/Aug 05

(c) 2005 The New York Times

File 475:Wall Street Journal Abs 1973-2005/Aug 05

(c) 2005 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13

(c) 2002 The Gale Group

| Set | Items   | Description   |
|-----|---------|---|
| S1  | 4763300 | BUILDING OR CONSTRUCTION OR BUILD OR STRUCTURE  |
| S2  | 73594   | S1(5N)(MATERIALS)   |
| S3  | 1459    | S2(5N)(SELECT? OR CHOOS? OR PICK? OR OBTAIN? OR PURCHASE? -<br>OR PURCHASING OR BUY OR BUYING OR BUYS OR GATHER? OR COMPILE?<br>OR, COMPILING)  |
| S4  | 716854  | CODE OR CODES OR COMPLIANT OR COMPLIANCE OR COMPLIES OR CO-<br>MPLYING  |
| S5  | 66045   | (OPTIMI? OR MINIM? OR LOWEST OR CHEAPEST OR MINIMUM?)(5N)(-<br>COST? ? OR OUTLAY? OR PRICE? ? OR BUDGET)  |
| S6  | 0       | S3 AND S4 AND S5  |
| S7  | 6061    | (STRUCTURE? ? OR BUILDING? ?)(5N)(ELEMENT? ? OR COMPONENT?<br>? OR PART? ?)(5N)(CONFIGUR? OR ARRANGEMENT OR FIT OR FITTING?<br>? OR FITS)   |
| S8  | 2469    | (STRUCTURE? ? OR BUILDING? ?)(5N)(WALL? ? OR CEILING? ? OR<br>PERIMETER? ? OR CRAWL()SPACE OR GLAZING OR INSULATION? ? OR -<br>ENERGY)(5N)(REQUIREMENT? ? OR DATA OR INFORMATION OR SPECS OR<br>SPECIFICATION? ?) |
| S9  | 1849    | UA()VALUE OR UAV  |
| S10 | 0       | S3 AND S7   |
| S11 | 5       | S3 AND S8   |
| S12 | 5       | S6 OR S10 OR S11  |
| S13 | 3       | S12 AND (SOFTWARE? OR COMPUTER? OR EDI OR APPLICATION()PRO-<br>GRAM? ? OR INTERNET? OR WEBSITE? OR WEB()BASED OR WEBPAGE? OR<br>ELECTRONIC? OR AUTOMAT?)  |
| S14 | 2       | S12 AND (ORACLE OR DB OR DATABASE OR DATA()BASE OR ARCHIVE?<br>OR DATA()WAREHOUSE? OR OLAP OR ONLINE OR ON()LINE)   |
| S15 | 3       | S13 OR S14  |
| S16 | 1       | S15 NOT PY>2001   |
| S17 | 5       | S11:S16   |
| S18 | 2       | S3 AND IC=G06F-017/30   |
| S19 | 55      | S3 AND IC=G06F  |
| S20 | 7       | S19 AND (S4 OR S5 OR S7 OR S8)  |
| S21 | 7       | S20 NOT S18   |
| S22 | 31      | S5 AND (S7 OR S8)   |
| S23 | 86      | S19 OR S22  |
| S24 | 77      | S23 NOT (S11:S18 OR S20:S21)  |
| S25 | 50      | S24 AND IC=G06F   |
| ?   |         |   |

? show files;ds

File 348:EUROPEAN PATENTS 1978-2005/Jul W05

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20050804,UT=20050728

(c) 2005 WIPO/Univentio

| Set | Items   | Description   |
|-----|---------|---|
| S1  | 1035951 | BUILDING OR CONSTRUCTION OR BUILD OR STRUCTURE  |
| S2  | 39557   | S1(5N)(MATERIALS)   |
| S3  | 1397    | S2(5N)(SELECT? OR CHOOS? OR PICK? OR OBTAIN? OR PURCHASE? -<br>OR PURCHASING OR BUY OR BUYING OR BUYS OR GATHER? OR COMPILE?<br>OR COMPILING)   |
| S4  | 305637  | CODE OR CODES OR COMPLIANT OR COMPLIANCE OR COMPLIES OR CO-<br>MPLYING  |
| S5  | 28587   | (OPTIMI? OR MINIM? OR LOWEST OR CHEAPEST OR MINIMUM?)(5N)(-<br>COST? ? OR OUTLAY? OR PRICE? ? OR BUDGET)  |
| S6  | 18      | S3 AND S4 AND S5  |
| S7  | 7850    | (STRUCTURE? ? OR BUILDING? ?)(5N)(ELEMENT? ? OR COMPONENT?<br>? OR PART? ?)(5N)(CONFIGUR? OR ARRANGEMENT OR FIT OR FITTING?<br>? OR FITS)   |
| S8  | 1103    | (STRUCTURE? ? OR BUILDING? ?)(5N)(WALL? ? OR CEILING? ? OR<br>PERIMETER? ? OR CRAWL()SPACE OR GLAZING OR INSULATION? ? OR -<br>ENERGY)(5N)(REQUIREMENT? ? OR DATA OR INFORMATION OR SPECS OR<br>SPECIFICATION? ?) |
| S9  | 371     | UA()VALUE OR UAV  |
| S10 | 30      | S3 AND S7   |
| S11 | 9       | S3 AND S8   |
| S12 | 55      | S6 OR S10 OR S11  |
| S13 | 41      | S12 AND (SOFTWARE? OR COMPUTER? OR EDI OR APPLICATION()PRO-<br>GRAM? ? OR INTERNET? OR WEBSITE? OR WEB()BASED OR WEBPAGE? OR<br>ELECTRONIC? OR AUTOMAT?)  |
| S14 | 14      | S12 AND (ORACLE OR DB OR DATABASE OR DATA()BASE OR ARCHIVE?<br>OR DATA()WAREHOUSE? OR OLAP OR ONLINE OR ON()LINE)   |
| S15 | 41      | S13 OR S14  |
| S16 | 20      | S15 NOT PY>2001   |

? t16/3,k/all

16/3,k/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

00939356

Embedded heat pipe structure

Eingebettete Warmerohrstruktur

Structure de caloducs encastres

PATENT ASSIGNEE:

TRW INC., (376412), One Space Park, Bldg. E1/4021, Redondo Beach,  
California 90278, (US), (Applicant designated States: all)

INVENTOR:

Antoniuk, David, (NMI), 1041 Kagawa St., Pacific Palisades, California  
90272, (US)

Baker, Jeffrey L., 16171 Nassau Lane, Huntington Beach, California 92649,  
(US)

Wittkopp, Garrett R., 1728 Dixon Street, Redondo Beach, California 90278,  
(US)

LEGAL REPRESENTATIVE:

Schmidt, Steffen J., Dipl.-Ing. (70552), Wuesthoff & Wuesthoff, Patent-  
und Rechtsanwälte, Schweigerstrasse 2, 81541 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 853226 A2 980715 (Basic)

EP 853226 A3 990915

APPLICATION (CC, No, Date): EP 98100308 980109;

PRIORITY (CC, No, Date): US 782473 970110

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: F28D-015/02

ABSTRACT WORD COUNT: 120

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update word Count

? show files;ds

File 15:ABI/Inform(R) 1971-2005/Aug 05  
 (c) 2005 ProQuest Info&Learning  
 File 16:Gale Group PROMT(R) 1990-2005/Aug 05  
 (c) 2005 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2005/Aug 08  
 (c)2005 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
 (c) 1999 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2005/Aug 08  
 (c) 2005 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2005/Aug 08  
 (c) 2005 The Gale Group  
 File 9:Business & Industry(R) Jul/1994-2005/Aug 05  
 (c) 2005 The Gale Group  
 File 20:Dialog Global Reporter 1997-2005/Aug 08  
 (c) 2005 Dialog  
 File 476:Financial Times Fulltext 1982-2005/Aug 08  
 (c) 2005 Financial Times Ltd  
 File 610:Business wire 1999-2005/Aug 08  
 (c) 2005 Business wire.  
 File 613:PR Newswire 1999-2005/Aug 08  
 (c) 2005 PR Newswire Association Inc  
 File 24:CSA Life Sciences Abstracts 1966-2005/Jun  
 (c) 2005 CSA.  
 File 634:San Jose Mercury Jun 1985-2005/Aug 05  
 (c) 2005 San Jose Mercury News  
 File 636:Gale Group Newsletter DB(TM) 1987-2005/Aug 05  
 (c) 2005 The Gale Group  
 File 810:Business wire 1986-1999/Feb 28  
 (c) 1999 Business wire  
 File 813:PR Newswire 1987-1999/Apr 30  
 (c) 1999 PR Newswire Association Inc  
 File 13:BAMP 2005/Jul w4  
 (c) 2005 The Gale Group  
 File 75:TGG Management Contents(R) 86-2005/Jul w5  
 (c) 2005 The Gale Group  
 File 95:TEME-Technology & Management 1989-2005/Jul w1  
 (c) 2005 FIZ TECHNIK  
 File 23:CSA Technology Research Database 1963-2005/Jul  
 (c) 2005 CSA.  
 File 56:Computer and Information Systems Abstracts 1966-2005/Jul  
 (c) 2005 CSA.

| Set | Items    | Description   |
|-----|----------|---|
| S1  | 15443135 | BUILDING OR CONSTRUCTION OR BUILD OR STRUCTURE  |
| S2  | 671238   | S1(5N)(MATERIALS)   |
| S3  | 23068    | S2(5N)(SELECT? OR CHOOS? OR PICK? OR OBTAIN? OR PURCHASE? -<br>OR PURCHASING OR BUY OR BUYING OR BUYS OR GATHER? OR COMPILE?<br>OR COMPILING)   |
| S4  | 4138486  | CODE OR CODES OR COMPLIANT OR COMPLIANCE OR COMPLIES OR CO-<br>MPLYING  |
| S5  | 712742   | (OPTIMI? OR MINIM? OR LOWEST OR CHEAPEST OR MINIMUM?)(5N)(-<br>COST? ? OR OUTLAY? OR PRICE? ? OR BUDGET)  |
| S6  | 95       | S3 AND S4 AND S5  |
| S7  | 3426     | (STRUCTURE? ? OR BUILDING? ?)(5N)(ELEMENT? ? OR COMPONENT?<br>? OR PART? ?)(5N)(CONFIGUR? OR ARRANGEMENT OR FIT OR FITTING?<br>? OR FITS)   |
| S8  | 9865     | (STRUCTURE? ? OR BUILDING? ?)(5N)(WALL? ? OR CEILING? ? OR<br>PERIMETER? ? OR CRAWL()SPACE OR GLAZING OR INSULATION? ? OR -<br>ENERGY)(5N)(REQUIREMENT? ? OR DATA OR INFORMATION OR SPECS OR<br>SPECIFICATION? ?) |
| S9  | 21220    | UA()VALUE OR UAV  |
| S10 | 13       | S3 AND S7   |
| S11 | 69       | S3 AND S8   |
| S12 | 171      | S6 OR S10 OR S11  |
| S13 | 107      | S12 AND (SOFTWARE? OR COMPUTER? OR EDI OR APPLICATION()PRO-<br>GRAM? ? OR INTERNET? OR WEBSITE? OR WEB()BASED OR WEBPAGE? OR<br>ELECTRONIC? OR AUTOMAT?)  |
| S14 | 48       | S12 AND (ORACLE OR DB OR DATABASE OR DATA()BASE OR ARCHIVE?<br>OR DATA()WAREHOUSE? OR OLAP OR ONLINE OR ON()LINE)   |
| S15 | 112      | S13 OR S14  |

Ginger R. DeMille

|     |       |   |
|-----|-------|---|
| S16 | 72    | S15 NOT PY>2001   |
| S17 | 50    | RD (unique items)   |
| S18 | 117   | S3(20N)(S4 OR S5 OR S8 OR S9)   |
| S19 | 4     | S18(20N)(ORACLE OR DB OR DATABASE OR DATA()BASE OR ARCHIVE?<br>OR DATA()WAREHOUSE? OR OLAP OR ONLINE OR ON()LINE)   |
| S20 | 11    | S18(20N)(SOFTWARE? OR COMPUTER? OR EDI OR APPLICATION()PRO-<br>GRAM? ? OR INTERNET? OR WEBSITE? OR WEB()BASED OR WEBPAGE? OR<br>ELECTRONIC? OR AUTOMAT?)  |
| S21 | 13    | S19 OR S20  |
| S22 | 4     | S21 NOT PY>2001   |
| S23 | 4     | RD (unique items)   |
| S24 | 22    | S3(5N)S4  |
| S25 | 20    | RD (unique items)   |
| S26 | 13    | S25 NOT PY>2001   |
| S27 | 248   | S3 FROM 613   |
| S28 | 22820 | S3 NOT S27  |
| S29 | 75    | S28(5N)(SOFTWARE OR COMPUTER? OR DATABASE OR DATABASE OR -<br>EXPERT()SYSTEM OR AI OR INTELLIGENT OR INTELLIGENCE OR NEURAL-<br>( )NETWORK OR CAD OR CAM) |
| S30 | 60    | S29 NOT PY>2001   |
| S31 | 43    | RD (unique items)   |
| ?   |       |   |